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**(54) PRODUCTION OF ENZYME GRANULATE FOR DETERGENT**

**(57) Abstract:**

**PURPOSE:** To obtain the subject granulates good in enzyme stability during their preservation and in dispersion solubility when washing therewith, by dry- granulating a blend of a water-soluble organic binder with a mixture containing an enzyme for detergent and aluminosilicate powder under specified conditions.

**CONSTITUTION:** The objective granulates is obtained by dry-granulating, using a mixing/rolling granulator, a blend of a water-soluble organic binder and a mixture containing an enzyme for detergent and powder of an aluminosilicate of formula  $x(M_2O) \cdot Al_2O_3 \cdot y(SiO_2) \cdot (H_2O)$  (M is an alkali metal such as Na or K; (x), (y) and (z) each is the number of moles, satisfying the relationships:  $0.72x \geq 1.5$ ,  $0.82y \geq 26$ ,  $z^3$

0). The temperature of the granulates during granulation is kept at 40-90°C, and the content of the aluminosilicate in the blend is set at 5-80wt.%. By this method, there occurs little in activation of the enzyme during granulation or little enzyme loss due to granulation loss.

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